

AMENDMENTS TO THE CLAIMS:

What is claimed is:

1. (Currently Amended): A Twist Up Device comprising a support ring having an outer circumference and at least one Twist up adjustment pin that protrudes outward from the outer circumference, at least one Twist up adjustment ring having a wall and at least one adjustment groove disposed in said wall that receives said adjustment pin and allows the adjustment pin to move in said adjustment groove, the adjustment ring having at least one guidance groove so that said adjustment ring rotates around the outer circumference of the support ring, while letting the at least one adjustment pin move in the said adjustment groove, the adjustment groove having at least one step.

2. (Currently Amended): A Twist Up device comprising a support ring having an outer circumference and at least one Twist Up adjustment pin that protrudes outward from the outer circumference, and a Twist Up adjustment ring having a wall and at least one Twist Up adjustment groove disposed in said wall that receives said Twist Up adjustment pin so as to allow the pin to move in the adjustment groove, said Twist Up ring installed in the Twist Up device to allow said pin to move in the adjustment groove of the said Twist Up adjustment ring support ring, while allowing the at least one Twist Up adjustment pin to move in said groove, the Twist Up device comprising the following two components:

a pin-movement section, having at least one adjustment pin, that allows the at least one Twist Up adjustment groove to receive the at least one Twist Up

adjustment pin and to move ~~in a direction of the adjustment pin in~~ said adjustment groove

the pin-stopping section installed next to the said pin-movement section to engage the above mentioned at least one adjustment pin to prevent the said Twist Up ~~ring from moving in a adjustment pin from moving in the~~ direction of the adjustment groove.

3. (Currently Amended): The Twist Up device according to Claim 2, the groove of the Twist Up adjustment ring having a first groove opening and a second groove opening, the first and second groove openings being on opposing ends of the Twist Up adjustment ring, the pin-movement section being installed so that it extends diagonally from the first groove opening to the second groove opening of the Twist Up adjustment ring, and the pin-stopping section being installed in the direction from the end of the second groove opening of the above pin-movement section to the circumference perpendicular to the axis line of the Twist Up adjustment ring, or to the direction of the first groove opening.

4. (Currently Amended): The Twist Up device according to Claim 3, the at least one Twist Up adjustment groove comprising the following sections:

a first pin-movement section,
a first pin-stopping section that is set in the direction from the end of the second groove opening of the above pin-movement section to the above-mentioned first groove opening,

a second pin-movement section that is set in the direction from the end of the first groove opening of the first pin-stopping section to the second groove opening,

a second pin-stopping section that is set in the direction from the end of the second groove opening of the second pin-movement section to the first groove opening,

a third pin-movement section that is set in the direction from the end of the first groove opening of the pin-stopping section to the direction of the second groove opening, and

a third pin-stopping section that is set in the direction from the end of the second groove opening of the third pin-movement section to the circumference that is perpendicular to the axis line of the Twist Up ring.

5. (Currently Amended): The Twist Up device according to Claim 3, the Twist Up adjustment ring having at least one angled contact section to receive the Twist Up adjustment pin at the end of at least one pin-movement section from the opening side in the direction of extension from the end to the pin-movement section.

6. (Currently Amended): The Twist Up device according to Claim 4, the Twist Up adjustment ring having at least one angled contact section to receive the Twist Up adjustment pin at the end of at least one pin-movement section from the opening side in the direction of extension from the end to the pin-movement section.

7. (Currently Amended): The Twist Up device according to Claim 1, the support ring being disposed inside the inner circumference of the Twist Up adjustment ring and having at least one resisting part that gives a required resistance force against the movement of the Twist Up adjustment ring when the Twist Up device is operated.

8. (Previously Presented): The Twist Up device according to Claim 2, the support ring being disposed inside the inner circumference of the Twist Up adjustment

ring and having at least one resisting part that gives a required resistance force against the movement of the Twist Up adjustment ring when the Twist Up device is operated.

9. (Previously Presented): The Twist Up device according to Claim 3, the support ring being disposed inside the inner circumference of the Twist Up adjustment ring and having at least one resisting part that gives a required resistance force against the movement of the Twist Up adjustment ring when the Twist Up device is operated.

10. (Previously Presented): The Twist Up device according to Claim 4, the support ring being disposed inside the inner circumference of the Twist Up adjustment ring and having at least one resisting part that gives a required resistance force against the movement of the Twist Up adjustment ring when the Twist Up device is operated.

11. (Previously Presented): The Twist Up device according to Claim 5, the support ring being disposed inside the inner circumference of the Twist Up adjustment ring and having at least one resisting part that gives a required resistance force against the movement of the Twist Up adjustment ring when the Twist Up device is operated.

12. (Previously Presented): The Twist Up device according to Claim 6, the support ring being disposed inside the inner circumference of the Twist Up adjustment ring and having at least one resisting part that gives a required resistance force against the movement of the Twist Up adjustment ring when the Twist Up device is operated.